

National Transportation Safety Board



In-Cockpit NEXRAD Mosaic Imagery

Actual Age of NEXRAD Data Can Differ Significantly

- A mosalc image image on the co new information f
- The age indicator show the age of t instead, the age service provider older than the ag
- . Due to latencles from the ground mosalo-creation significantly by th
- Although such s mosaic-creation can EXCEED the
- Even small time important for sa hazards, quickly

Actual maximum age diffi



Pilots urged to be vigilant for

Meteorological Evaluation Towers

- Meteorological Evaluation Towers (METs) are used to measure wind speed and direction during the development of wind energy convention facilities. METs are made from galavanized suburing (or other galavanized suburing) and the advanized singular sits a data and are secured with gay wires that connect at multiple heights on the MET and anchor on the ground.
- Many METs fall just below the 200-foot Federal Aviation Administration (FAA) threshold for obstruction markings. They can also be erected quickly and without notice to the local aviation community, depending upon their location.
- Because of their size and color, plots have reported difficulty seeing METs from the air. Therefore, METs could interfere with low-flying airorat operations, including these involving helicopter emergency medical services, law enforcement, animal damage control, fish and wildlife, agriculture, and aren't fire suppression.
- The NTSB has investigated several fatal accidents involving aircraft collisions with METs:
- 6. On January 10, 2011, a Rockwell International 8-2R, N4977X, collided with a MET during an serial application in Oakley, California. Co May 19, 2005, an Air Tractor AT-562, N09172, collided with a MET that was erected 15 days before the accident in Rails, Tensas. On December 15, 2003, an Erickson DRA/Oldanie, N345W, collided with a Ch. December 15, 2003, an Erickson DRA/Oldanie, N345W, collided with a Ch. December 15, 2003, an Erickson DRA/Oldanie.

- White Wyoming and South Dalecta have implemented requirements for METs to improve the safety of low-Mying aircraft, not all states have such requirements for METs. (Wyoming maintains an online database of METs and requires all METs to be registered and marked so that they are visible from a distance of 2,000 feet. South Dalecta requires that METs be marked.)

Introduction: General Aviation (GA) Safety Alerts Cathy Gagne

Safety Alerts

- GA on NTSB Most Wanted List
- Need to reduce GA accident rate
- Forum: Education, training, and risk management skills



Safety Alerts

- Define a GA safety problem
- Provide statistics on the problem
- Provide examples of accidents
- Provide ways to prevent accidents



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Safety Alert Topics

- Aerodynamic stalls at low altitude
- Reduced-visual references
- Aircraft mechanical problems
- Pilots' risk management
- Mechanics' risk management



Safety Alert Links

- Educational resources
- Reduce accident rate, promote safety culture
- Mitigate common accident causes and factors



Discussion of Accident Cases

- Completed cases: common causes, factors, and scenarios
- Used as educational tools
 - Not intended to admonish accident pilots
 - Intended to help other pilots learn
- Perspectives of investigators





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